

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) :	Elke Apel, Wolfram Höland, and Volker Rheinberger	)	Examiner:
		)	To Be Assigned
		)	
Serial No. :	To Be Assigned	)	Art Unit:
		)	To Be Assigned
Cnfrm. No. :	To Be Assigned	)	
		)	
Filed :	Herewith	)	
		)	
For :	BIOACTIVE RHENANITE GLASS CERAMIC	)	

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**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97-1.98**

**Mail Stop Patent Application**

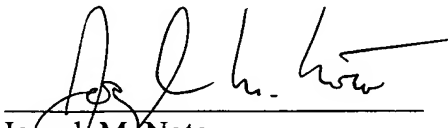
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, applicants hereby bring to the attention of the United States Patent and Trademark Office, pursuant to 37 C.F.R. §§ 1.97-1.98, the enclosed documents listed on the attached PTO-1449 form.

Respectfully submitted,

Date: 2/12/04

  
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	To Be Assigned
				Filing Date	Herewith
				First Named Inventor	Apel
				Art Unit	To Be Assigned
				Examiner Name	To Be Assigned
Sheet	1	of	1	Attorney Docket Number	20959/2220 (P 63799)

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	1	WO 01/12242 A1	02/22/2001			
	2	DE 197 25 555 A1	12/24/1998			abstract
	3	DE 41 13 021 A1	10/22/1992			Abstract
	4	DE 691 28 621 T2	02/12/1998			Abstract
	5	DT 23 26 100C3	12/12/1974			Abstract

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	6	Hench, "A Genetic Theory of Bioactive Materials," <u>Key Engineering Materials</u> , 192-195:575-580 (2001)	
	7	Suchanek et al., "β-Rhenanite (β-NaCaPO <sub>4</sub> ) as Weak Interphase for Hydroxyapatite Ceramics," <u>J. European Ceram. Soc.</u> , 18:1923-1929 (1993)	
	8	Hench, "Bioceramics: From Concept to Clinic," <u>J. Am. Ceram. Soc.</u> , 74(7):1487-1510 (1991)	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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